

**TO:** Mr. Roberto Fonseca-Martinez  
**FROM:** Paul Johnson  
**DATE:** 02/27/2006

## CATEGORICAL EXCLUSION DOCUMENTATION

**Date CE level document approved by FHWA VA Division:** 12/06/2005

**FHWA Contact:** John Simkins  
**Route:** Givens Lane (widening) and Progress Street (extension)  
**State Project #:** U000-150-114, P101, R201, C501  
**From:** Givens Lane - From: 0.06 mile south of Ashcroft Court  
To: 0.07 mile east of North Main Street  
**To:** Progress Street - From: Givens Lane  
To: 0.01 mile north of Cherokee Drive

**Federal Project #:** STP-5150 ( )  
**County/City:** Town of Blacksburg, Montgomery County  
**UPC ID:** 72527  
**Project in STIP:** Yes ☒

**Project Description:**

Givens Lane - involves the reconstruction & widening of the existing 20-foot roadway to a proposed width of 30 feet, beginning 0.06 mile south of the intersection with Ashcroft Court and ending 0.07 mile east of the relocated intersection of North Main Street and Mount Breeze Drive.

Progress Street - involves the construction & extension of the existing 32-foot roadway, beginning at Givens Lane and ending 0.01 mile north of Cherokee Drive (existing terminus of Progress Street).

Givens Lane and Progress Street call for proposed right-of-way widths of 56 and 55 feet, respectively; as such, approximately 7.0 acres of additional right-of-way are required to support construction.

**CE Category 23 CFR 771.117:** (d)(1)

**Description of Category:** Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g., parking, weaving, turning, climbing).

**USGS Map** ☒

**Logical Termini and**

**Independent Utility:** Yes ☒ N/A ☐ (non-highway construction only,  
explain in comments below)

**Comments:** Jerry Combs, FHWA, approved a CE-level of documentation on 12/06/05.

**Typical Section:** Givens Lane calls for a 30-foot roadway (two 11-foot lanes, two 4-foot bike lanes), curb & gutter, a 5-foot sidewalk and an 8-foot shared sidewalk/bikeway. Progress Street calls for a 32-foot roadway (two 12-foot lanes, two 4-foot bike lanes), curb & gutter, and 5-foot sidewalks.

**Structures:** Progress Street will require a single structure to span both an unnamed tributary to Toms Creek and a neighborhood pedestrian/bike trail; a design decision for this structure has not been finalized.

SOCIO-ECONOMIC	PRESENT		IMPACTS	
	YES	NO	YES	NO
Minority/Low Income Populations:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disproportionate Impacts to Minority/Low Income Populations: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Existing or Planned Public Recreational Facilities: Neighborhood ped/bike trail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg				
Community Services: Public utilities - water, sewer, electric, gas, phone, cable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> VDOT Salem District Right of Way & Utilities Section				
Consistent with Local Land Use: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
<b>Source:</b> Town of Blacksburg				

Comments: Progress Street will require a single structure to span both an unnamed tributary to Toms Creek and a neighborhood pedestrian/bike trail; a design decision for this structure has not been finalized. There will be no impact on or use of property supporting the pedestrian/bike trail. Existing public utility customers may experience temporary disruptions in service during construction.

SECTION 4(f) and SECTION 6(f)	YES	NO
Use of 4(f) Property: <b>Acres:</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Individually Eligible Historic Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Contributing Element to Historic District:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Salem District Environmental Section - Cultural Resources staff		
Public Recreation Area:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Park:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Wildlife/Waterfowl Refuge:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Planned Public Park, Recreation Area, Wildlife or Waterfowl Refuge:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg		
Constructive Use:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Section 4(f) Evaluation Attached:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conversion of 6(f) Property: <b>Acres:</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: Progress Street will require a single structure to span both an unnamed tributary to Toms Creek and a neighborhood pedestrian/bike trail; a design decision for this structure has not been finalized. There will be no impact on or use of the property supporting the pedestrian/bike trail.

CULTURAL RESOURCES	COMPLETE	N/A
<b>Source:</b> VDOT Salem District Environmental Section - Cultural Resources staff		
"No Effect" Pursuant to 1999 DHR Agreement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phase I Architecture Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase II Architecture Conducted	<input type="checkbox"/>	<input type="checkbox"/>
Phase I Archaeology Conducted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phase II Archaeology Conducted	<input type="checkbox"/>	<input type="checkbox"/>

Effect on Historic Properties: No Effect  
DHR Concurrence on Effect: Yes ☒  
MOA Attached: Yes ☐ N/A ☒

Comments:

Architectural - one previously recorded structure (# 062-0285) within Area of Potential Effect (APE); field review revealed this structure is no longer extant. No other structures over 50 years of age are present.

Archaeological - APE has either been disturbed by intense residential development or is characterized by moderate to steep slopes with little or no potential for intact archaeological resources.

NATURAL RESOURCES	PRESENT		IMPACTS	
	YES	NO	YES	NO
Surface Water (Name: Unnamed tributaries to Toms Creek)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	~ 120 Linear ft.	
<b>Source:</b> VDOT Salem District Environmental Section - Water Quality staff				
Federal Threatened or Endangered Species:				
Terrestrial: None None	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aquatic: None None	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plants: None None	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> VDOT Salem District Environmental Section (VDGIF - SERP; VDCR/VDACS - SERP)				
100 Year Floodplain:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, identify regulatory floodway zone:				
<b>Source:</b> VDOT Salem District Environmental Section - Water Quality staff; FEMA (FIRM maps)				
Wetlands:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acres	
If yes, there are no practicable alternatives to the construction in wetlands and the action will include all practicable measures to minimize harm to the impacted wetlands.			NoneType	
<b>Source:</b> VDOT Salem District Environmental Section - Water Quality staff				
Permits Required:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
If yes, the project may qualify for NW #23				
Compensatory Mitigation Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Source:</b> VDOT Salem District Environmental Section - Water Quality staff				

Comments: Givens Lane will require pipe extensions on unnamed tributaries to Toms Creek. Progress Street will require a single structure to span both an unnamed tributary to Toms Creek and a neighborhood pedestrian/bike trail; a design decision for this structure has not been finalized.

AGRICULTURAL/OPEN SPACE	PRESENT		IMPACTS	
	YES	NO	YES	NO
Open Space Easements:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg				
Agricultural/Forestal Districts:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg				

Comments: None.

FARMLAND	YES	NO
NRCS Form CPA-106 Attached:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Rating:</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Alternatives Analysis Required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>If Form CPA-106 is not attached check all that are applicable:</b>		
Land already in Urban use:	<input type="checkbox"/>	<input type="checkbox"/>
Entire project in area <i>not</i> zoned agriculture:	<input type="checkbox"/>	<input type="checkbox"/>
NRCS determined that project corridor contains prime, unique statewide or local important farmland (if yes, FPPA applies):	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> USDA - Natural Resources Conservation Service, Christiansburg office		

Comments: None.

INVASIVE SPECIES	PRESENT		
	YES	NO	UNKNOWN
Invasive Species in the project area:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VDCR indicated that the potential exists for some VDOT projects to further the establishment of invasive species. All seeds used will be tested in accordance with the Virginia Seed Law to ensure there are not prohibited Noxious Weed-Seeds in the seed mixes.

Comments: VDCR recommends implementation and strict adherence to erosion and sediment control measures during all land disturbing activities. VDCR further recommends avoidance of highly invasive species during revegetation efforts.

AIR QUALITY	YES	NO
Air Analysis Required:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If no, indicate which exemption it falls under:		
<input type="checkbox"/> Exempt Project – According to 40 CFR 93.126 (table 2 exempt project), the project is identified as being exempt from air quality analysis. Since the project is exempt from an air quality analysis, it can be concluded that the project will not significantly impact air quality nor will it cause or contribute to an exceedance of the National Ambient Air Quality Standard for carbon monoxide.		
<input type="checkbox"/> LOS Criteria – All of the intersections/interchanges in the project area or directly affected by the project are forecasted to operate at a level of service (LOS) of "C" or better in the design year. According to 40 CFR 93.123, only a qualitative analysis must be conducted for this project, therefore, it can be reasonably concluded that this project will not significantly impact air quality nor will it cause or contribute to an exceedance of the National Ambient Air Quality Standard for carbon monoxide.		
<input checked="" type="checkbox"/> Traffic Volume – The project does not include or directly affect any roadway whose design year daily traffic volume would exceed the traffic thresholds outlined in the Memorandum of Understanding (MOU) between VDOT and FHWA for streamlining the project-level air quality analysis process. Modeling using "worst" case parameters has been conducted for these thresholds and it has been determined that projects below these thresholds, such as this one, would not significantly impact air quality nor will it cause or contribute to an exceedance of the National Ambient Air Quality Standards for carbon monoxide.		
Air Analysis Attached:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Source:</b> VDOT Environmental Division - Air Section		
Maintenance or Non-Attainment Area:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
In Long Range Plan & TIP:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Salem District Planning Section		

Comments: Blacksburg-Christainsburg-Montgomery MPO has included the proposed project in its most recent Long Range Plan & TIP. Additionally, project appears in most recent STIP.

<b>NOISE</b>	<b>YES</b>	<b>NO</b>
Type I Project:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Environmental Division - Noise Section		
Noise Analysis Attached:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Barriers Under Consideration:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> VDOT Environmental Division - Noise Section		

Comments: None.

<b>RIGHT OF WAY AND RELOCATIONS</b>	<b>YES</b>	<b>NO</b>
Residential Relocations: If yes, number of relocations: 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Salem District Right of Way & Utilities Section		
Commercial Relocations: If yes, number of commercial relocations: 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Salem District Right of Way & Utilities Section		
Non-profit Relocations: If yes, number of non-profit relocations: 0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> VDOT Salem District Right of Way & Utilities Section		
Right of Way required: If "Yes", acreage amount: ~ 7.0 acres	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Salem District Location & Design Section		

	PRESENT		IMPACTS	
	YES	NO	YES	NO
Septic Systems or Public Water Supplies:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg				
Hazardous Materials:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> VDOT Salem District Environmental Section - Hazardous Materials staff				

Comments: Project will not result in negative impacts to Town of Blacksburg water or sewer systems. Existing public utility customers may experience temporary disruptions in service during construction.

<b>CUMULATIVE AND INDIRECT IMPACTS</b>	PRESENT		
	YES	NO	N/A
Present or reasonably foreseeable future projects (highway and non-highway) in the area:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impact same resources as the proposed highway project (i.e. cumulative impacts):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indirect (secondary) impacts:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Source:</b> VDOT Salem District Location & Design Section			

Comments:

Toms Creek Road (U000-150-109, P101, R201, C501, B604; # 17682);  
North Main Street (0460-150-103, P101, R201, C501; # 67976).

<b>PUBLIC INVOLVEMENT</b>	<b>YES</b>	<b>NO</b>
Substantial Controversy on Environmental Grounds:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Source:</b> Town of Blacksburg		
Public Hearing:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, type of public hearing: Location/Design		
Other Public Involvement Activities:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, type of public involvement: Citizen Information Meeting (10/06/05)		

Comments: A Combined Location & Design Hearing is currently scheduled on April 10, 2006.

## **COORDINATION**

The following agencies were contacted during development of this study:

Blacksburg Town Government (Town Manager, Mayor, Departments of Health, Planning & Engineering,  
Public Works, Parks & Recreation, Housing & Community Development, Police, Fire, Rescue, Transit)  
Montgomery County Public Schools  
New River Valley Planning District Commission  
USDA Natural Resources Conservation Service  
Kingdom Hall of Jehovah's Witnesses  
Virginia Department of Conservation & Recreation  
Virginia Department of Game & Inland Fisheries  
Virginia Department of Transportation (Environmental Division, Environmental Section,  
Location & Design Section, Planning Section, Right of Way & Utilities Section)

This project meets the criteria for a Categorical Exclusion pursuant to 40 CFR 1508.4 and 23 CFR 771.117 and will not result in significant impacts to the human or natural environment.